

What is Claimed is:

1. A fluid mixer for feeding by pressure fluids flowing through at least two supply lines to a mixing line at an arbitrary ratio, comprising a diaphragm for adjusting the flow rate of the fluids provided on the upstream side from a point where said at least two supply lines are merged to the mixing line as well as a pressure reducing valve on further upstream side of said diaphragm in series, and a back pressure valve on said mixing line.

10 2. A fluid mixer in claim 1, wherein a back pressure valve and a flow meter are arranged in series in the mixing line.

3. A fluid mixer in claim 1 or 2, wherein a fixed orifice or a regulating valve is used for a diaphragm.

4. A fluid mixer in any of claims 1 to 3, wherein the pressure reducing valve and the back pressure valve are automatic valves.